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00684.003345

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: Marie Rose Yamnitzky
AKIRA TSUBOYAMA, ET AL.	)	
	:	Group Art Unit: 1774
Application No.: 10/090,838	)	
	:	
Filed: March 6, 2002	)	
	:	
For: METAL COORDINATION COMPOUND, LUMINESCENCE DEVICE AND DISPLAY APPARATUS	)	
	:	January 6, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are enclosed. This Information Disclosure Statement is to submit documents cited in a European Search Report in a counterpart European application, which documents are not yet of record in the present case. A copy of the Search Report is also enclosed.

The concise explanation of relevance for the non-English documents may be found, inter alia, in the English language abstracts attached thereto and/or in the enclosed Search Report.

STATEMENT UNDER 37 C.F.R. § 1.97(e)

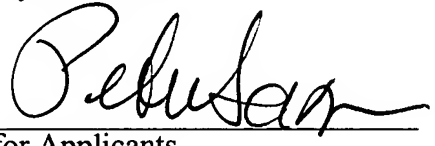
Each item of information in this information disclosure statement was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing date of this Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Attorney for Applicants

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FORM PTO 1449 (*modified*)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.	APPLICATION NO.
00684.003345	10/090,838

APPLICANT	
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FILING DATE	GROUP
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US	2001/0053462 A1	12/01	Mishima	428	690	12/20/01

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP	1 191 612 A2	03/02	European Patent Office			
	EP	1 191 613 A2	03/02	European Patent Office			
	EP	1 175 128 A2	01/02	European Patent Office			
	WO	02/02714 A2	01/02	PCT			
	WO	02/15645 A1	02/02	PCT			
	EP	1 211 257 A2	06/02	European Patent Office			
	WO	02/45466 A1	06/02	PCT			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		P.I. Djurovich et al., "Ir(III) Cyclometalated Complexes as Efficient Phosphorescent Emitters in Polymer Blend and Organic LEDs", Polymer Reprints, American Chemical Society, USA, Vol. 41, No. 1, March 2000, pp 770-771.
		Dedeian, et al., "A New Synthetic Route to the Preparation of a Series of Strong Photoreducing Agents: *fac* Tris-Ortho-Metalated Complexes of Iridium(iii) with Substituted 2-Phenylpyridines", Inorganic Chemistry, American Chemical Society, Easton, USA, Vol. 30, No. 30, 1991, pp. 1685-1687.
		C. Adachi, et al., "High-efficiency Organic Electrophosphorescent Devices with Tris(2-phenylpyridine) Iridium Doped into Electron-Transporting Materials", Applied Physics L tters, American Institute of Physics, New York, USA, Vol. 77, No. 6, August 2000, pp. 904-906.
		M.J. Yang, et al., "Use of Poly(9-vinylcarbazole) as Host Material for Iridium Complexes in High-Efficiency Organic Light-Emitting Devices," Japanese Journal of Applied Physics, Publication Office Japanese Journal of Applied Physics, Tokyo, JP, Vol. 39, No. 8A, Part 2, August 1, 2000, pp. L828-L829.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	WO	03/000661 A1	01/03	PCT			Abstract
	WO	01/41512 A1	06/01	PCT			
	WO	00/70655 A1	11/00	PCT			
	WO	01/08230 A1	02/01	PCT			
	JP	2001-257076	09/01	Japan			Abstract
	EP	1 138 746 A1	10/01	European Patent Office			
	WO	01/72927 A1	10/01	PCT			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

		R.C. Kwong, et al., "Organic Light-Emitting Devices Based on Phosphorescent Hosts and Dyes", Advanced Materials, VCH Verlagsgesellschaft, Weinheim, DE, Vol. 12, No. 15, August 2, 2000, pp. 1134-1138.
		T. Tsutsui, et al., "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center", Japanese Journal of Applied Physics, Publication Office Japanese Journal of Applied Physics, Tokyo, JP, Vol. 38, No. 12B, Part 2, 1999, pp. L1502-L1504.
		S. Lamansky, et al., "Synthesis and Characterization of Phosphorescent Cyclometalated Iridium Complexes", Inorganic Chemistry, American Chemical Society, Easton, USA, Vol. 40, No. 7, 2001, pp. 1704-1711.
		Y. Wang, et al., "Highly Efficient Electroluminescent Materials Based on Fluorinated Organometallic Iridium Compounds", Applied Physics Letters, American Institute of Physics, New York, USA, Vol. 79, No. 4, July 23, 2001, pp. 449-451
		S. Lamansky, t al., "Molecularly Dop d Polym r Light Emitting Diod s Utilizing Phosph rescent Pt(II) and Ir(III) Dopants", Organic Electronics, Elsevier, Amst rdam, NL, Vol. 2, No. 1, March 2001, pp. 53-62.

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	JP	2001-313179	11/01	Japan			Abstract
	WO	01/91203 A2	11/01	PCT			
	EP	1 160 889 A2	12/01	European Patent Office			
	JP	2001-357977 A	12/01	Japan			Abstract

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		V.V. Grushin, et al., "New, Efficient Electroluminescent Materials Based on Organometallic Ir Complexes", Chemical Communications, Royal Society of Chemistry, GB, 2001, pp. 1494-1495.
		M.G. Colombo, et al., "Facial Tris Cyclometalated Rh^{3+} and Ir^{3+} Complexes: Their Synthesis, Structure, and Optical Spectroscopic Properties", Inorg. Chem., 1994, Vol. 33, pp. 545-550.
		Z.X. Hong, et al., "Reduction of Self-Quenching Effect in Organic Electrophosphorescence Emitting Devices via the Use of Sterically Hindered Spacers in Phosphorescence Molecules", Advanced Materials, VCH Verlagsgesellschaft, Weinheim, DE, Vol. 13, No. 16, August 16, 2001, pp. 1245-1248.

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